

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1–36. (Canceled)

37. (Currently Amended) A method for collecting patient clinical encounter information comprising the steps of: ~~Computer readable media having instructions for providing a patient clinical encounter information collection system tangibly stored thereon, the instructions, when executed by a computer, comprising instructions for:~~

~~retrieving instructions from a server, the instructions comprising:~~

storing, on a computer-readable medium operatively connected to a server, computer-executable instructions comprising:

- a) a navigation module;
- b) a verification module; and,
- c) a user interface comprising a plurality of fields, at least one of the fields comprising a pop-up list, the arrangement of the plurality of fields being fixed and arranged as on a clinical chart;

transmitting, via a network, the navigation module, the verification module and the user interface from the server to a client device;

causing the client device to display the user interface, including the plurality of fields, within a single screen to a user, the user interface facilitating the entry of patient clinical encounter information into the plurality of fields by not requiring the user to scroll the user interface within the single screen;

receiving, via the user interface displayed on the client device, patient clinical encounter information from the user;

causing ~~executing~~ the navigation module on the client device ~~in response to the received patient clinical encounter information, the navigation module to~~ modifying the contents of at least one of the plurality of fields in response to the received patient clinical encounter information;

receiving, via the user interface displayed on the client device, at least one diagnosis
selected by the user via the user interface;

causing ~~executing~~ the verification module on the client device, ~~the verification module to~~
~~determine~~ing an authorization level for the at least one diagnosis by referring to the
contents of at least a subset of the plurality of fields; and,

receiving on the server, via the network, ~~submitting~~ the patient clinical encounter
information and the at least one diagnosis from the client device to the server after the
determination of ~~determining~~ the authorization level for the at least one diagnosis by the
verification module.

38. (Currently Amended) The ~~computer-readable media~~ method of claim 37, the computer-
executable instructions stored on the computer-readable medium and transmitted to the
client device ~~received from the server~~ further comprising instructions for one or more
criteria corresponding to a diagnosis, the criteria being displayed to the user in at least one of
the plurality of fields.

39. (Currently Amended) The ~~computer-readable media~~ method of claim 38, the computer-
executable instructions stored on the computer-readable medium and transmitted to the
client device ~~received from the server~~ further comprising instructions for determining of an
authorization level by referring to the criteria.

40. (Currently Amended) The ~~computer-readable media~~ method of claim 37, the computer-
executable instructions stored on the computer-readable medium and transmitted to the
client device ~~received from the server~~ further comprising instructions for a rule database, the
rule database being employed by the verification module when determining the
authorization level on the client device.

41. (Currently Amended) The ~~computer-readable media~~ method of claim 40, the rule database
storing at least two levels of rules, the levels comprising:

a criteria level, the criteria level rules determining a criteria status by referring to data from
at least one of the plurality of fields; and,

a diagnosis level, the diagnosis level rules determining a diagnosis authorization level by referring to the criteria status of at least one criteria level rule.

42. (Currently Amended) The ~~computer-readable media~~ method of claim 37, at least a subset of the plurality of fields being related in a hierarchical manner, the navigation module changing the content of at least one of the plurality of fields based on selections made therein by the user.

43. (Currently Amended) The ~~computer-readable media~~ method of claim 42, the verification module further comprising a plurality of criteria rules, the verification module evaluating the criteria rules to determine whether the patient clinical encounter information meets one or more criteria for determining an authorization level.

44. (Currently Amended) The ~~computer-readable media~~ method of claim 37, the instructions being ~~retrieved~~ transmitted via the Internet.

45. (Currently Amended) A method ~~Computer-readable media having instructions tangibly stored thereon~~ for facilitating the submission of a clinical record for automated processing, comprising the steps of: the instructions, when executed by a computer, comprising instructions for:

storing, on a computer-readable medium operatively connected to a server, computer-executable instructions comprising:

a) a navigation module;

b) selection interface comprising a plurality of fields within a single, the selection interface facilitating selection by the user of a plurality of predetermined clinical data types, the predetermined clinical data types comprising data necessary for creating at least a record of the symptoms associated with a patient and a diagnosis;

transmitting, via a network, the navigation module and the selection interface from the server to a client device;

~~causing the client device to displaying a the selection interface to a user within a single screen, the selection interface facilitating selection by the user of a plurality of predetermined clinical data types, the predetermined clinical data types comprising data necessary for creating at least a record of the symptoms associated with a patient and a diagnosis;~~

receiving a selection from the selection interface; and,

causing the navigation module on the client device to ~~adding~~ at least one data field in response to the selection, the data field being selected by a navigation module, to the displayed selection interface, the data field being quantified and associated with an objective criteria, the data field facilitating automated processing of the clinical record.

46. (Currently Amended) The ~~computer readable media~~ method of claim 45, the selection interface and at least one data field being provided via an HTML web page on the Internet.

47. (Currently Amended) Computer readable media having instructions for facilitating the submission of a clinical record for automated processing tangibly stored thereon, the instructions, when executed by a computer, comprising instructions for:

receiving a diagnosis from a user via a user interface running on a client device;

receiving a criteria selection from the user via the user interface, the criteria being selected from a pre-defined list of criteria associated with the diagnosis, the criteria associated with a rule required for confirming the diagnosis, the criteria associated with at least one finding;

receiving data from the user via the user interface corresponding to at least a subset of the at least one finding associated with the user selected criteria;

causing ~~verifying, on~~ the client device to verify, without interaction with a server, that all necessary data associated with the diagnosis has been received from the user;

causing the client device to transmitting the data received from the user to ~~a the~~ server to facilitate creation by the server of an electronic clinic record based on the data.

48. (Previously Presented) The computer readable media of claim 47, the data being transmitted from the client to the server via the Internet.

49. (Previously Presented) Computer readable media having instructions for providing a user interface for entering data for evaluating a clinical encounter tangibly stored thereon, the instructions, when executed by a computer, comprising instructions for displaying a user interface, the user interface comprising an interactive set of lists, each of the lists in the interactive set of lists having its own domain, and each of the lists in the interactive set of lists being displayed as a separate pop-up button list within a single screen, at least a subset of the lists being hierarchically related, the interactive set of lists being formatted to be similar to a clinical chart.
50. (Previously Presented) The computer readable media of claim 49, the user interface further comprising a display area, the display area displaying a parameter and at least one corresponding finding, each parameter being displayed proximate to the associated at least one finding.
51. (Previously Presented) The computer readable media of claim 49, the user interface further comprising a data entry area, the data entry area being adapted to facilitate entry of a plurality of findings for a parameter.
52. (Previously Presented) The computer readable media of claim 49, the interactive set of lists further comprising at least four pop-up button lists, the at least four pop-up button lists comprising at least one of each of an element pop-up button list, a system/group pop-up button list, a parameter pop-up button list, and a finding pop-up button list.
53. (Previously Presented) The computer readable media of claim 52, the instructions further comprising instructions for:
- relating the at least four pop-up button lists hierarchically; and
 - receiving a selection in one pop-up list and populating at least the next lower pop-up button list in the hierarchy.
54. (Previously Presented) The computer readable media of claim 52, the instructions further comprising instructions for:
- receiving an entry in the element pop-up button list and populating the system/group pop-up button list with available entries;

receiving an entry in the system/group pop-up button list and populating the parameter pop-up button list with available entries;

receiving an entry in the parameter pop-up button list and populating the finding pop-up button list with available entries; and

receiving an entry in the finding pop-up button list and performing one of:

- a) entering the selecting finding with the selected parameter into a chart note data field in the user interface; and,
- b) prompting the user to enter a numeric value associated with the finding and entering the finding, numeric value, and selected parameter into a chart note data field in the user interface.

55. (Previously Presented) The computer readable media of claim 54, the instructions further comprising instructions for:

receiving a selection in a criteria pop-up button list; and

populating the element pop-up button list, system/group pop-up button list, parameter pop-up button list, and finding pop-up button list based upon the selection.

56. (Previously Presented) The computer readable media of claim 55, the instructions further comprising instructions for entering diagnosis-relevant data either by:

receiving a criteria pop-up list selection and prompting the user to make a selection in the finding pop-up list; or

receiving a criteria pop-up list selection and prompting the user to enter a numerical value.

57. (Previously Presented) The computer readable media of claim 56, the instructions further comprising instructions for:

receiving a selection in an additional information pop-up list; and

setting the element pop-up list, the system/group pop-up list, parameter pop-up list, and finding pop-up list based upon the selection.

58. (Currently Amended) A method for collecting patient clinical encounter information comprising the steps of: Computer readable media having instructions for providing a patient clinical encounter information collection system tangibly stored thereon, the instructions, when executed by a computer, comprising instructions for:
retrieving instructions from a server, the instructions comprising:
storing, on a computer-readable medium operatively connected to a server, computer-executable instructions comprising:
a) at least one form;
b) a first set of rules; and,
c) a second set of rules;
transmitting, via a network, the at least one form, the first set of rules, and the second set of rules to a client device;
causing ~~a~~ the client device to display the at least one form;
configuring at least a first subset of the at least one forms to apply the first set of rules to at least a first subset of inputs entered into the first subset of forms, ~~the first set of rules being applied by the client device;~~
configuring at least a second subset of the at least one forms to apply the second set of rules to at least a second set of inputs entered into the second subset of forms, ~~the second set of rules being applied by the client device;~~
receiving patient clinical encounter data from at least one user via the at least one form displayed on the client device;
causing the client device to processing the received patient clinical encounter data on the client device in accordance with the first and second set of rules.
59. (Currently Amended) The ~~computer readable media~~ method of claim 58, the first subset of forms and the second subset of forms being the same.
60. (Currently Amended) The ~~computer readable media~~ method of claim 58, ~~the instructions received from the server further comprising instructions for applying the first set of rules~~ are

further configured to be applied when the first subset of inputs is received and ~~for applying~~ the second set of rules are further configured to be applied when the second subset of inputs is received.

61. (Currently Amended) The ~~computer-readable media~~ method of claim 58, the instructions being ~~retrieved~~ transmitted via the Internet.

62. (Previously Presented) Computer readable media having instructions for providing a facilitating the single screen submission of patient clinical encounter information tangibly stored thereon, the instructions, when executed by a computer, comprising instructions for:

providing a clinical element selection interface, the clinical element selection interface facilitating the selection of a clinical element, the clinical elements comprising at least one of history and exam;

providing a system/group selection interface, the system/group interface facilitating the selection of a system/group associated with the selected clinical element, the system/group interface being populated based upon the selected clinical element;

providing a parameter selection interface, the parameter selection interface facilitating the selection of a parameter associated with the selected system/group , the parameter selection interface being populated based upon the selected system/group;

causing a client device to display the clinical element selection interface, the system/group interface and the parameter selection interface within a single screen.

63. (Previously Presented) Computer readable media having instructions for determining the appropriateness of patient clinical encounter information tangibly stored thereon, the instructions, when executed by a computer, comprising instructions for:

causing a client device to display a criteria selection interface to a user, the criteria selection interface allowing the user to select a diagnosis-based criteria;

receiving diagnosis related data from the user;

causing the client device to apply a verification rule to the received diagnosis related data, the verification rule providing a verification result, the verification result providing an authorization level for each selected criterion in the criteria selection interface.

64. (Previously Presented) The computer readable media of claim 63, the instructions further comprising the client device retrieving the criteria selection interface from a server via the Internet.
65. (Previously Presented) The computer readable media of claim 63, the instructions further comprising instructions for presenting the criteria selection interface in a clinical format that is familiar to clinicians and healthcare reviewers.
66. (Currently Amended) The computer readable media of claim 63, the instructions further comprising instructions for displaying the criteria selection interface to the user within a single screen such that the user does not have to ~~scroll~~ scroll within the single screen while selecting criteria.
67. (Currently Amended) Computer readable media having instructions for an electronic clinical record creation and review system tangibly stored thereon, the instructions, when executed by a computer, comprising instructions for:
- causing a client device to display a user interface, the user interface prompting the user for clinically relevant inputs;
 - receiving clinically relevant inputs from the user, the clinically relevant inputs comprising a diagnosis and at least one patient symptom, the at least one symptom being clinically relevant to the diagnosis;
 - causing the client device to verify, without interaction with a server, that all necessary data associated with the diagnosis has been received from the user;
 - causing the client device to verify, without interaction with a server, ~~verifying~~ the diagnosis on the client device by ensuring that sufficient symptoms have been received to satisfy at least one authorization criteria, wherein the at least one authorization criteria has been set by a health care reviewing organization;
 - causing the client device to generate ~~ing~~ an electronic clinical record on the client device;
 - and
 - causing the client device to transmit ~~ing~~ the electronic clinical record to a the health care reviewing organization for review.

RESPONSE

Examiner: COBANOGLU, Dilek B.

Serial No. 09/772,394

Atty. Docket No.: 79731.010100

68. (Previously Presented) The computer readable media of claim 67, the instructions further comprising instructions for transmitting the electronic clinical record via the Internet.